

AMENDMENT TO THE CLAIMS

1. - 30. (Canceled)

31. (Previously Presented) An isolated nucleic acid selected from the group consisting of:

- (a) SEQ ID NO: 6527;
- (b) a DNA encoding (a), wherein the DNA is identical in length to (a); and,
- (c) the complement of (a) or (b), wherein the complement is identical in length to (a).

32. (Previously Presented) An isolated nucleic acid selected from the group consisting of:

- (a) SEQ ID NO: 15;
- (b) a DNA encoding (a), wherein the DNA is identical in length to (a); and,
- (c) the complement of (a) or (b), wherein the complement is identical in length to (a).

33. - 38 (Canceled)

39. (Currently Amended) A vector comprising a human insert, wherein the human insert consists of the nucleic acid of claim 31, and wherein the vector does not comprise a human insert other than heterologous sequence, wherein the heterologous sequence consists of the nucleic acid of claim 31.

40. (Currently Amended) A vector comprising a human insert, wherein the human insert consists of the nucleic acid of claim 32, and wherein the vector does not comprise a human insert other than heterologous sequence, wherein the heterologous sequence consists of the nucleic acid of claim 32.

41. (Currently Amended) A probe comprising a human insert, wherein the human insert consists of the nucleic acid of claim 31, and wherein the probe does not comprise a human insert other than heterologous sequence, wherein the heterologous sequence consists of the nucleic acid of claim 31.

42. (Currently Amended) A probe comprising a human insert, wherein the human insert consists of the nucleic acid of claim 32, and wherein the probe does not comprise a human insert other than a heterologous sequence, wherein the heterologous sequence consists of the nucleic acid of claim 32.